OptoSupply
Light It Up

0.39 Inch 16-Segement Single Digit Display

OSL10395-IX (Common Anode type)

OSL10395-LX (Common Cathode type)

■ Features

- 0.39 Inch Single Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black surface & white segment or dot
- Number of Pins:18

■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value		Unit
		RA/R/YG/Y/O	W/B/G	
DC Forward Current	I_F	20	20	mA
Pulse Forward Current#	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_t	44	66	mW
Operating Temperature	Topr	-30 ~ +70		℃
Storage Temperature	Tstg	-40~ +85		℃
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260℃/5sec		℃

#Pulse width Max.10ms Duty ratio max 1/10

■ Electrical -Optical Characteristics (Ta=25℃)

Part Number	Color			V_F (V)*1			I_R(μA)	Iv(mcd)*2			λD(nm)*3 Chromaticity Coordinates*4		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				I_F=20mA			V_R=5V	I_F=20mA					
OSL10395-IW(LW)	White	W		-	3.3	3.6	20	-	100	-	X:0.27 Y:0.28		
OSL10395-IB(LB)	Blue	B	■	-	3.3	3.6	20	-	50	-	460	470	475
OSL10395-IG(LG)	Pure Green	G	■	-	3.3	3.6	20	-	200	-	515	525	530
OSL10395-IYG(LYG)	Yellow Green	YG	■	-	2.2	2.6	20	-	12	-	565	570	575
OSL10395-IY(LY)	Yellow	Y	■	-	2.1	2.5	20	-	40	-	585	590	595
OSL10395-IO(LO)	Orange	O	■	-	2.1	2.5	20	-	40	-	600	605	610
OSL10395-IR(LR)	Red	R	■	-	2.1	2.5	20	-	20	-	620	630	640
OSL10395-IRA(LRA)	Red	R	■	-	2.1	2.5	20	-	100	-	620	625	630

*1 Tolerance of measurements of forward voltage is±0.1V
*2 Tolerance of measurements of luminous intensity is ±15%
*3 Tolerance of measurements of dominant wavelength is ±1nm
*4 Tolerance of measurements of chromaticity coordinate is ±10%

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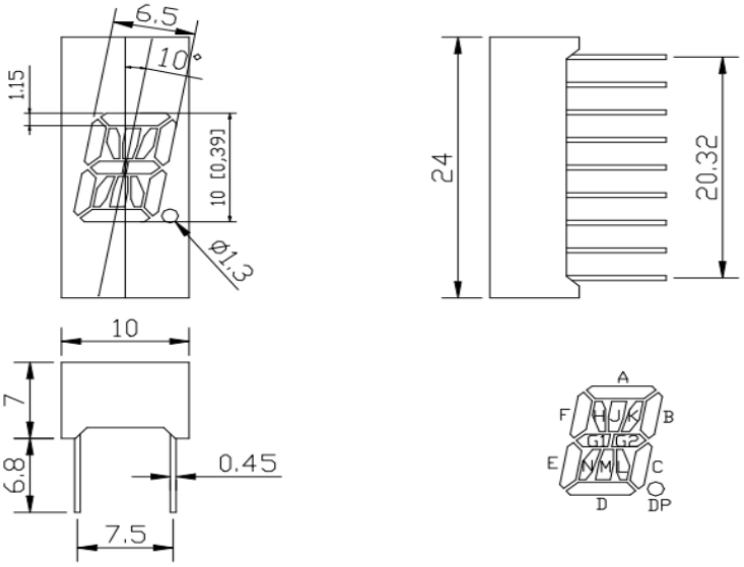
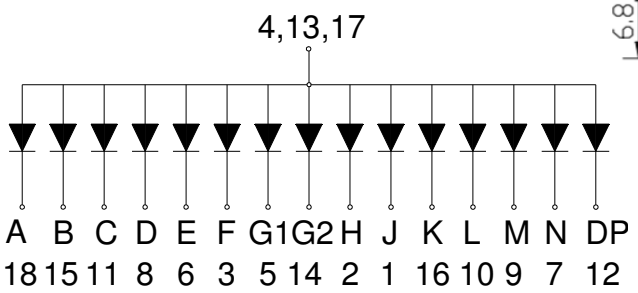
■ Package Dimensions and Pin Function

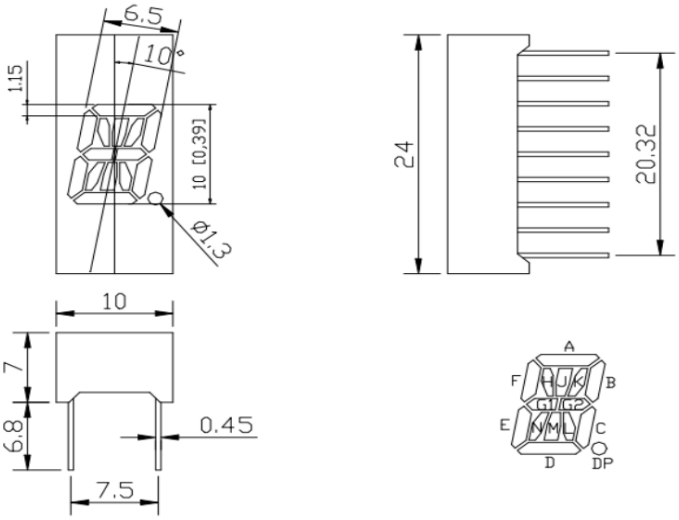
OSL10395-IX
(Common Anode type)



Note:
1,Unit : mm(Tolerance:±0.25mm unless otherwise noted)
2, The slope angle of any PIN may be±5.0°Max



OSL10395-LX
(Common Cathode type)



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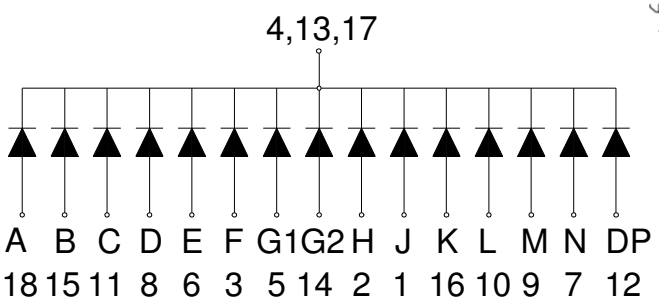

LED & Application Technologies

ISO 9001: 2008

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